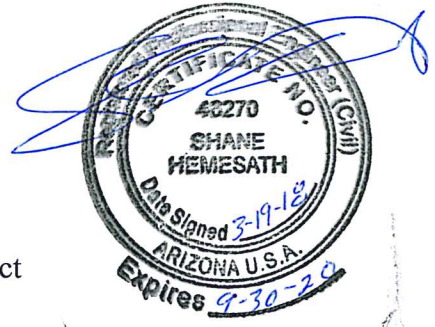


ADDENDUM NUMBER 1

City of Show Low Project #W-1318
West McNeil Waterline Replacement Project

March 19, 2018



Prospective bidders and interested parties are hereby directed to make the following changes to the Plans and Specifications of the above project. This Addendum shall be affixed to the Contract Documents, and the bidder shall acknowledge receipt of same in the space provided on the Bid Form.

This addendum consists of 9 pages.

Pre bid notes West McNeil Waterline Replacement W-1318 – 3-8-18

Sign in Sheet

- **This is a MANDATORY pre-bid meeting**
- Copies of the sign in sheet will be available shortly after this meeting.

Project Background

- The proposed Waterline improvements include replacing the existing 6" AC waterline in West McNeil from Fox Run to the Deuce of Clubs.
- **SCOPE OF WORK** The Work includes, but is not necessarily limited to, installing approximately 3,200 LF of new 8-inch C-900 PVC waterline, fire hydrants, and new water services along West McNeil. Any pavement or concrete sidewalk removed during the installation of the new line will be replaced. The work includes all required labor, material, incidentals, transportation, traffic control, and services required for the project to complete a usable and operable facility in accordance with all pertinent codes and regulations as necessary to complete the job in a workmanlike manner as shown on the Construction and Bid Documents. This work shall take place along West McNeil from North Fox Run to the Deuce of Clubs in Show Low, Arizona, 85901.

Schedule

- Sealed Bids are due Friday March 23, 2018 at 2:00 PM
- Questions will be accepted until Friday, March 16, 2018 at 4:00 PM
- Currently taking to City Council on April 3, 2018

Plans

- Plans are provided in the plan set including details in the bid documents. Available digitally if requested.

- Plan holders list: The City will maintain a plan holders list and copies can be provided upon request.

Bid Documents/Specifications

- Questions will be accepted until Friday, March 16th 2018 at 4 PM. Questions must be in writing, hand delivered, US mail, or email. Deliver them to Kim Seales. Her contact information is included in the sign-in sheet. Cards available.
- City Engineering Department will provide the survey for the project. Contractor shall give the Engineering Department 2 days notice of survey request.
- TESTING REQUIREMENTS - Testing is the Contractor's responsibility. Backfill compaction testing, WL pressure testing, and Chlorination. City Staff shall be present during all testing.
- Straight edge patch. Paving to broken edges will not be allowed. If this requires additional saw cut prior to paving, the contractor will do so at no additional cost.
- Contractor will need to plan on building a temporary blow off assembly to test prior to final Tapping Sleeve and Valve. City encourages multiple testing locations and tie over as you go.
- Trench excavation is to be hauled off form the site and approved backfill shall be installed. Dirty Screen Cinder, AB, or acceptable crushed concrete. 95% compaction per detail.
- Force Account for Service tie-overs for the private side work.
- Traffic control – Site safety is Contractor's responsibility. Flaggers and detours shall be submitted for approval. Traffic will need to be opened up every night and plates will be needed for the open excavation.

Pay requests

- One pay request per month will be processed. Use the form in the contract documents. The City runs accounts payable checks every other Friday.

Project Site Issues – Neighborhood issues

- Work day 7:00 AM to 10:00 PM .
- Maintain Business/Residential access during business hours.
- Contractor will need to prevent track out away from the project site.
- Contractor shall be responsible for their own staging area. Contractor responsible for the security of their own equipment and materials.

Questions

- Questions asked in this meeting will be answered in writing in a future addendum.

The frequency of tests shall be performed in accordance with the following table:

Description	Type of Test Required	Sampling Point	Minimum Sampling Frequency
Bedding Material for Pipe	Compaction	In-Place	One per 100 feet per lift
Trench Backfill	Proctor Density	In-Place	One per Soil Type
	Compaction	In-Place	One per 200' per lift, One per structure per lift
Structural Backfill	Proctor Density	In-Place	One per Soil Type
	Compaction	In-Place	One every 200 CY, One per Lift
Subgrade	Proctor Density	Roadway	One per Soil Type
	Compaction	Roadway	One per 350 feet
Aggregate Base	Proctor Density	Stockpile	At start of production, then as material changes
	Compaction	Roadway	One per lift per 350 feet
	Gradation, PI	Windrow	One per 1000 Ton, One per shift minimum
Asphalt Concrete	Extraction	Roadway	One per shift
	Marshall	Roadway	Two per day
	Cores	Roadway	One per 100 Ton

Question: The detail referenced for the installation of the gate valves, Detail W-09, Note 4, references a 4" Disk Marker by 3M or Equal. Does the City actually use these markers? I see this language in MAG 392 however I do not believe anyone is actually using them as we do not stock them as we do nearly everything else in the MAG Standards that has to do with Water, Sanitary Sewer, or Storm Drainage. Please advise.

Answer: Please install the blue, lockable, debris cap by SW Services Inc. per the Detail W-09, ignore note #4.

Question: On sheet 2 of 7 of the above referenced project, Water Note 3 states that a "Double Disc" Gate Valve is to be used. MAG 630.3 calls for a Resilient Wedge Gate valve meeting the requirements of AWWA C509 and AWWA C515. The AWWA C515 is the most commonly utilized in this market.

Answer: Please install a resilient wedge gate valve.

Question: Sheet 6 of 7, Construction Notes, Item 15, asks for a "Single Commercial Water Service (1" Poly) and Meter Box per COSL Std Detail W-05. This Detail is not shown on Sheet 3 of 7. I downloaded the Supplement to the MAG Specifications and Details from the City of Show Low website and found the referenced detail however it appears to be for a 2" Double Service. Please advise. The Bid Schedule, Page BF-4 of the Contract

Documents shows 9 ea of the 1" Poly Single Water Service per COSL Std Detail W-03. This item is identified on the plans (Sheets 4,5,and 6), as item 13. The count for this item is actually 8 ea.

Answer: Please install the 1" commercial meter per COSL Std Dtl. W-03. That is why the bid quantity is 9 EA.

Question: What size resetters are to be used on the 1-1/2" Double Water Service. There is also a 2" Double Commercial Water Service on Sheet 7. What size are the resetters to be used on this one?

Answer: Please install the 3/4" resetters for the Double Meter Service. The 2" Double Commercial Water Service is currently only serving a single 2" Commercial Water meter for ADOT. There is no resetter for the 2" single commercial service, the meter will be installed in line with the 2" curb stop and private service line. The curb stop on the other side of the tee, will be turned off and will not require a resetter as well.

Question: Which Detail W-01A, or W-01B should be used for the ARV.

Answer: The final field location of the ARV will determine the type to install.

Question: What is the Engineer's Estimate?

Answer: \$344,000

Question: Who notifies the homeowners on the side streets when the water is off for the tie-overs?

Answer: The Contractor shall give a minimum of 24-hour notice to any affected by the water being turned off. The contractor is required to coordinate with the City to identify the valves to be turned off for the outage at each tie-over a minimum of 2-days prior to the work.

Question: Who is going to abandon the old valves on the old line?

Answer: The City will abandon the old lines after it is completely abandoned.

Question: What is the material of the pipe at the connections?

Answer: The tie-overs are PVC. There is a tie-over to an AC pipe at Sta 13+50.

Question: Is an ADOT Permit required for the tie over/connection at the Deuce of Clubs?

Answer: Yes the contractor will need to obtain an ADOT ROW Encroachment permit for the connection at the Deuce of Clubs.

Question: What is the Depth of the old line and connections?

Answer: The depth varies from 3' of cover to 4.5' of cover.

NOTE: The contractor will need to vary the depth of the new main to avoid the existing connections. This will require a slight adjustment to the installation depth of the new main at the crossings until the tie-over is completed. The Contractor shall plan on adjusting the depth of installation

for the new main up to an additional 1' of depth (4" total cover depth) at no additional cost. Include this minor adjustment in the line item for water main installation in the bid.

Question: Who plugs the AC when the main is abandoned?

Answer: The City will plug the old main when the valves are removed.

The bid schedule is changed as follows:

Please remove and replace the Bid schedule with the Revised Bid Schedule attached, Sheet BF-3, BF-4, BF-5 and BF-6,

Summary of changes outlined below:

1. *Item Numbers have been Added to each line item.*
2. *Item 28 – Install ARV Per COSL Std Dtl W-01, 2 EA. was added. These will be installed at Sta 15+00 and Sta 36+75.*

4. BIDDER will complete the Work for the following price(s):

REVISED BID SCHEDULE^{A,B} West McNeil Water Line Improvements Project Number: W-1318				City of Show Low 180 N. 9th Street Show Low, Arizona 85901	
Company Name: _____					
Item	Description	Unit	Number of Units ^B	Unit Price	Total Price
1	Mobilization	LS	1		
2	Traffic Control	LS	1		
3	Sawcut Existing Asphalt	LF	9,000		
4	Remove Existing Fire Hydrant	EA	1		
5	Remove and Replace Asphalt Per COSL Std Dtl P-02	SY	1,550		
6	Remove and Replace Concrete Sidewalk 4" thick on 3" ABC	SF	275		
7	Remove and Replace Concrete Driveway 6" thick on 3" ABC	SF	80		
8	Install 8" C-900 PVC Water Main Per COSL Std Dtl W-06	LF	3,200		
9	Install 8" Water Gate Valve Per COSL Std Dtl W-08, W-09	EA	11		
10	Install 8" 45 Degree Bend Per COSL Std Dtl W-13	EA	7		
11	Install 8" 11.25 Degree Bend Per COSL Std Dtl W-13	EA	1		
12	Install 8" X 8" X 8" Tee Per COSL Std Dtl W-13	EA	3		
13	Install 8" X 6" X 8" Tee Per COSL Std Dtl W-13	EA	8		
14	Install 8" X 6" Reducer Per COSL Std Dtl W-13	EA	1		
15	Install 6" C-900 PVC Water Main Per COSL Std Dtl W-06	LF	120		
16	Install 6" Water Gate Valve Per COSL Std Dtl W-08, W-09	EA	8		

<div>REVISED BID SCHEDULE^{A,B} West McNeil Water Line Improvements Project Number: W-1318</div> <div>Company Name: _____</div>					<div>City of Show Low 180 N. 9th Street Show Low, Arizona 85901</div>	
Item	Description	Unit	Number of Units ^B	Unit Price	Total Price	
17	Install 6" 45 Degree Bend Per COSL Std Dtl W-13	EA	14			
18	Install 8" X 8" Tapping Sleeve and Valve	EA	1			
19	Install 12" X 8" Tapping Sleeve and Valve	EA	1			
20	Install 1" Poly Single Water Service Per COSL Std Dtl W-03	EA	9			
21	Install 1" Poly Single Water Service Per COSL Std Dtl W-03 with Traffic Rated Box	EA	1			
22	Install 1 1/2" Poly Double Water Service With Meter Box	EA	1			
23	Install 2" Poly Double Water Service With Meter Box	EA	1			
24	Install Fire Hydrant Per COSL Std Dtl W-07, include tee and hydrant valve	EA	5			
25	Remove Fire hydrant and relocate per plan	EA	1			
26	Install Vertical Realignment (4 - 45 degree bends and ARV)	EA	2			
27	Water Meter Connection Force Account ^C	F. A.	1	\$10,000	\$10,000	
28	Install ARV Per COSL Std Dtl W-01 (Locations identified by station in the addendum)	EA	2			
Grand Total				\$		
Grand Total in Written Words						

Notes:

^A The Contractor's Total Bid is based upon unit prices and allowances. If there is an error in the Total Bid or other computed totals by the bidder it shall be changed and the unit price amounts shall govern. The written word amounts shall take precedence over the figure amounts. Bid amounts shall include all costs for the required labor, equipment, and materials, and bid amounts will also include all applicable Federal, State, County, and local taxes. ^B Quantities are not guaranteed. Final payment will be based on actual quantities. If the required quantities of the items listed above are increased or decreased by Change Order, the adjustment unit prices set forth above shall apply to such increased or decreased quantities unless the change is greater than 25 percent at which point the unit prices may be renegotiated. ^C Force Account line item is provided for City approved water connections that require realignment adjustments or additional work required to make the standard connection as described in the contract documents. The cost of any approved work shall be mutually agreed upon between the City and the Contractor prior to performing any work. Only those costs agreed upon by both parties shall be charged to this line item. The dollar amount in the Bid Schedule is an estimate only and the actual work shall determine payment.

***NOTE: All unit bid prices and extended bid prices shall include ALL applicable taxes.**

TOTAL BID: _____
(Words)

TOTAL BID: \$ _____
(Numerals)

Bidder: _____

5. BIDDER agrees that the Work will be complete within 90 (Ninety) calendar days after the date when the Contract Time commences to run.
6. The following documents are attached to and made a condition of the Bid:
 - a. Required Bid Security in the form of a Certified Check, Cashier's Check or a Bid Bond in the amount of 10% of maximum Bid price.
 - b. Subcontractor List.
 - c. Required BIDDER's Qualification Statement supporting data.
 - d. Non-Collusion Affidavit.
7. Communications concerning this Bid shall be addressed to:

City of Show Low
Attn: Shane Hemesath, City Engineer
180 N 9th Street
Show Low, AZ 85901

SUBMITTED ON: _____, 20____.

The Name and Address of BIDDER indicated below:
